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E. H.

PATENT  
Attorney Docket No.: 019427-004930US  
Client Ref. No.: 0049.30US

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Todd C. Mowry

Application No.: 09/804,677

Filed: March 12, 2001

For: PREFETCHING HINTS

Art Unit: 2173

SECOND PRELIMINARY AMENDMENT

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Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination of the above-referenced application, please enter the following amendments.

IN THE CLAIMS:

Please cancel claims 1-19, and add new claims 20-31, as follows:

- Sub C1 7
- 1 20. (New) A method comprising:
- 2 issuing an instruction, wherein said instruction includes a hint
- 3 field, a base field and an offset field;
- 4 forming an address to access data in a cache, wherein said address
- 5 is formed by using information contained in said offset and base fields; and
- 6 prefetching said data, when unavailable in said cache, in
- 7 accordance with hint information contained in said hint field, wherein said hint
- 8 information indicates an expected use of said data and a destination.
- 31
- Sub D1 1
- 2 21. (New) The method of claim 20 wherein said address is a virtual address.

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PTO/SB/21 (08-00)

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<b>TRANSMITTAL FORM</b> (to be used for all correspondence after initial filing)	Application Number	09/804,677	
	Filing Date	March 12, 2001	
	First Named Inventor	Mowry, Todd C.	
	Group Art Unit	2173	
	Examiner Name		
Total Number of Pages in This Submission	1	Attorney Docket Number	019427-004930US

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Response <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition Routing Slip (PTO/SB/69) and Accompanying Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s)	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below):
Remarks	The Commissioner is authorized to charge any additional fees to Deposit Account 20-1430.	

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## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm and Individual name	Townsend and Townsend and Crew LLP Kenneth R. Allen	Reg. No. 27,301
Signature	<i>Kenneth R. Allen</i>	
Date		

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Document(s) Attached

1. Transmittal Form; and
2. Preliminary Amendment.

Number of pages being transmitted, including this page: 9

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